Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Wednesday 04 Jan 2023 until 23:59 on Thursday 05 Jan 2023

Forecast Issued on Tuesday 03 Jan 2023 at 10:19

Confidence: High for the general theme of low pressure systems and fronts to move east or northeast across the British Isles, but Medium to Low for details, especially in relation to timings and rainfall amounts.

Headline for Wednesday 04 Jan 2023: Mostly cloudy and windy, but becoming brighter as patchy rain clears, though some showery rain in afternoon.

Mountain weather hazards on Wednesday 04 Jan 2023

Blizzards
No Likelihood

Gales
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Light rain	Light rain	Dull	Cloudy	Light rain	Cloudy	Partly cloudy (night)
Precipitation probability							
>95%	80%	40%	20%	10%	40%	<05%	10%

Forecast for Wednesday 04 Jan 2023

Weather: Cloudy overnight but rain will turn patchy. A cloudy start with patchy rain and low cloud especially over western slopes. Becoming mostly dry in morning with cloud lifting and breaking to bring bright or perhaps sunny spells, but any sunshine probably limited to the east. Cloudier again in afternoon with some showery rain, but this becoming dry in evening with some clear spells developing, but there could also be the odd shower.

Chance of cloud-free hill tops above 600m: 10% improving 50-70% in morning, though closer to 40% in afternoon.

Low cloud and visibility: Generally good visibility beneath cloud, but reducing moderate in rain, though perhaps poor on western slopes at times. Very poor within cloud however, this extensive down to 400-500m at first, but becoming broken or occasional through the morning and lifting to 600-900m, though still occasional 500m in west and more extensive down to 600m in afternoon.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Wednesday 04 Jan 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	34/47 SW	30/41 SW	29/40 SW	31/43 W	30/42 W	29/41 W	28/41 W	28/41 W	29/44 W
300	27/39 SW	22/33 SW	21/32 SW	23/35 SW	23/35 W	22/33 W	21/33 W	21/33 W	22/36 W
Valley	22/36 SW	18/31 SW	20/33 SW	21/35 W	19/35 W	19/33 W	18/32 W	18/32 W	20/33 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/3	8/3	7/1	6/-0	6/0	6/0	5/-0	5/-1	4/-2
300	10/6	10/6	9/6	8/4	9/4	9/5	8/4	8/3	7/2
Valley	11/8	10/8	10/7	9/5	9/6	9/6	8/5	8/5	8/4
Freezing Level*	2400m	1800m	1600m	1500m	1500m	1400m	1400m	1400m	1400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Mild, but a chill over the tops with strong winds and some buffeting. Likely wet and soggy underfoot after rain Tuesday.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Tue 03 Jan 2023	2.2mm	8mm	28.4mm

Forecast for Thursday 05 Jan 2023

Weather: Clear spells overnight and some mist or fog may form as winds ease, but cloudier again by the end of the night. Cloud thickening and lowering in morning to bring patchy rain and drizzle, though likely drier in afternoon and there could be some brighter spells, more so in the east. Rain becoming heavier and more prolonged in evening

Maximum wind: Westerly 10mph at first, becoming southwesterly 20-25mph in morning, but 30 gust 40mph over the tops in evening.

Chance of cloud-free hill tops above 600m: 30%, but 60% in east at first and possibly in afternoon too.

Low cloud and visibility: Good occasionally moderate visibility out of cloud, but becoming poor or very poor at height, as cloud thickens, broken 600-800m at first, becoming extensive through the morning and lowering to 400 or 500m at times, especially in west, though the afternoon could see cloud breaking again for a time, more so in the east.

Temperature: **Valleys:** Plus 6 C rising to 10-12 C
At 600m: Plus 6 C
Freezing level: Well above the tops

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